

REMARKS

Claims 12, 16, and 21 have been amended. Claims 12-18 and 20-32 are pending, with claims 12, 16, and 21 being independent.

Attached hereto is an Appendix entitled "Version with Markings to Show Changes Made" which is a marked-up version of the portions of the application which have been amended by the present amendment, with brackets indicating deleted matter and underlining indicating added matter.

Claims 12, 14-16, 18, 20, and 24-29 (not claims 12, 14-16, 18, 20, and 24-27 as indicated on page 2 of the Office Action of July 16, 2002) were rejected under 35 USC 103(a) as being unpatentable over Lawler et al. (Lawler) (U.S. Patent No. 5,585,838) in view of Noguchi et al. (Noguchi) (U.S. Patent No. 6,163,345).

Claims 21, 23, and 30-32 were rejected under 35 USC 103(a) as being unpatentable over Alten et al. (Alten) (U.S. Patent No. 5,635,978) in view of Noguchi.

Claims 13 and 17 were rejected under 35 USC 103(a) as being unpatentable over Lawler in view of Noguchi and Chang et al. (Chang) (U.S. Patent No. 5,602,563).

Claim 22 was rejected under 35 USC 103(a) as being unpatentable over Alten in view of Noguchi and Chang.

The rejections of claims 12-18 and 20-32 are respectfully traversed insofar as the rejections may be deemed to be applicable to claims 12-18 and 20-32 in their present form.

Independent claim 12 now recites a digital broadcasting receiver which displays video or a plurality of character information strings of programs when receiving digital broadcasting, comprising an omission display controller which omits a part of a character information string of a particular program when a number of characters in the character information string of the particular program is larger than a number of characters which can be displayed in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, an entirety of the character information string of the particular program in a second prescribed zone, and an entirety of a program start time and a program end time of the particular program in the second prescribed zone.

Independent claim 16 now recites a digital broadcasting receiver which displays video or a plurality of background information blocks indicative of program time when receiving digital broadcasting, comprising a display change controller which changes a background information block indicative of program time when the background information block indicative of program time cannot be displayed in full in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, full program time information of the changed background information block indicative of program time in a second prescribed zone for any program selected from programs currently being broadcast and programs not currently being broadcast, wherein the second prescribed zone is constantly displayed at a fixed position.

Independent claim 21 now recites a digital broadcasting receiver which displays video or a plurality of background information blocks each indicative of a program time period when receiving digital broadcasting, comprising a display change controller which changes a displayed shape of a particular background information block indicative of a program time period when the program time period indicated by the particular background information block exceeds a program time period which can be displayed in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, a program start time and a program end time of the program time period indicated by the particular background information block in a second prescribed zone for any program selected from programs currently being broadcast and programs not currently being broadcast, wherein the second prescribed zone is constantly displayed at a fixed position.

It is submitted that Lawler, Noguchi, Alten, and Chang do not disclose or suggest the features of independent claims 12, 16, and 21 which are underlined above.

Since Lawler, Noguchi, Alten, and Chang do not disclose or suggest the features of independent claims 12, 16, and 21 discussed above, it is submitted that independent claims 12, 16, and 21 and claims 13-15, 17-20, and 22-32 depending therefrom patentably distinguish over Lawler, Noguchi, Alten, and Chang in the sense of 35 USC 103(a), and it is respectfully requested that the rejections of claims 12-18 and 20-32 under 35 USC 103(a) as being unpatentable over Lawler, Noguchi, Alten, and Chang be withdrawn.

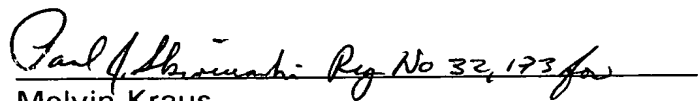
Although dependent claims 13-15, 17-20, and 22-28 are considered to be allowable by virtue of their dependency from allowable independent claims 12, 16, and 21, it is noted that these dependent claims also recite further features of the present invention which are not seen to be disclosed or suggested by the prior art.

It is submitted that all of the Examiner's rejections have been overcome, and that the application is now in condition for allowance. Reconsideration of the application and an action of a favorable nature are respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.35360CX1).

Respectfully submitted,

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Attachment